

Application Serial Number 10/099,881
Response to Office Action
Dated August 31, 2005

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A communications system comprising:

a first transmitter beacon device for transmitting a plurality of alert signals to wireless receivers within range of the beacon, each alert signal being provided for prompting an alert message of the transmitter beacon; ~~and~~

a wireless receiver which stores interpretation data interpretation data being used when an associated alert signal is received, thereby to generate the associated alert message at the mobile wireless device; and

a second transmitter beacon device adapted to: receive identification information of the wireless receiver that is transferred from the first beacon device; and to transmit to the wireless device.

2. (Original) A communications system as claimed in claim 1, wherein the interpretation data comprises sound or image files.

3. (Currently Amended) A communications system as claimed in claim 1, comprising:

a first group of comprised of a plurality of the first beacon devices for wirelessly broadcasting data, the wireless receiver being for receiving data from the beacon devices of the first group, wherein at least one of the first beacon devices of the ~~first~~ group is arranged to provide the interpretation data to the

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wireless receiver to enable the wireless receiver to interpret signals from the beacon devices of the ~~first~~ group.

4. (Currently Amended) A communications system as claimed in claim 3, further comprising a ~~second group of~~ comprised of the second beacon devices for wirelessly broadcasting data, wherein the ~~at least one~~ wireless receiver is adapted to receive~~for receiving~~ data from the first and second beacon devices ~~of the first and second groups~~ and wherein at least one of the second beacon devices ~~of the second group~~ is arranged to provide interpretation data to the wireless receiver to enable the wireless receiver to interpret signals from the beacon devices of the ~~second group~~ of the second devices.

5. (Currently Amended) A communications system as claimed in claim 3, wherein the at least one of the first beacon devices of the ~~first group of beacons~~ the first beacon devices are arranged to receive the data relating to the identity of the wireless receiver during the provision of the interpretation data.

6. (Currently Amended) A communications system as claimed in claim 5, wherein ~~the at least one of a plurality of~~ the beacon devices of the ~~first group of the first beacon devices~~ beacons ~~comprises~~ means for passing the ~~data relating to the identity~~ identification information of the wireless receiver to the other beacon devices ~~of the respective group of beacons~~.

7. (Currently Amended) A communications system as claimed in claim 5, wherein the identification information ~~data relating to the identity~~ of the wireless receiver comprises the identity and/or profile information concerning the wireless receiver.

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8. (Currently Amended) A communications system as claimed in claim 5, wherein the other beacon devices of the ~~first~~ group of the first beacon devices each comprise filtering means to filter potential messages in dependence on the data relating to the identity of the wireless receiver.

9. (Original) A communications system as claimed in claim 1, wherein the interpretation data comprises content which can be displayed during a connection procedure.

10. (Original) A communications system as claimed in claim 1, wherein each beacon device is for broadcasting data using the Bluetooth protocol.

11. (Currently Amended) A method of providing information ~~to a mobile receiver from a beacon device, the method~~ comprising:

transmitting a plurality of alert signals from a first beacon device to a wireless receiver within range of the first beacon device, each alert signal being provided for prompting an alert message of the transmitter beacon;

providing interpretation data to the wireless receiver to enable the wireless receiver to interpret signals from the beacon device; and

providing a signal from the first beacon device when the wireless receiver is within range of the beacon device, the wireless receiver interpreting the signal using the interpretation data;

transferring data relating to the identity of the wireless receiver from the first beacon to a second beacon device; and

transmitting from the second beacon device to the wireless receiver.

12. (Currently Amended) A method as claimed in claim 11, wherein the first beacon device is one of a group of beacon devices, and wherein the interpretation data is provided to the wireless receiver from [[a]] the second

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beacon device when the wireless receiver is within range of the second beacon device.

13. (Original) A method as claimed in claim 11, wherein the interpretation data is provided to the wireless receiver during a preload operation remote from the first beacon device.

14. (Original) A method as claimed in claim 13, wherein the preload operation is carried out over the internet.

15. (Original) A method as claimed in claim 11, wherein the interpretation data comprises sound files.

16. (Original) A method as claimed in claim 11, wherein the signal is provided using the Bluetooth protocol.

17. (Original) A method as claimed in claim 16, wherein the signal is provided as a data field within the Inquiry signal of the Bluetooth protocol.

18. (Currently Amended) A method as claimed in claim 11, wherein the wireless receiver is movable between a plurality of groups comprising a plurality of the first and second beacon devices, and wherein the method comprises:

providing interpretation data from a first one of the beacon devices within each group to the wireless receiver when the wireless receiver is within range of the first beacon device; and

providing a signal from a second another of the beacon devices within the group when the wireless receiver is within range of the second beacon device, the wireless receiver interpreting the signal using the interpretation data.